1 VQE results Aer Estimator (With Shots)

			(Full H	amiltonian)	Double W	ell $\Lambda = 8$	COYBLA	Max 10k Iteration	ıs		
Ansatz	Tolerance	Shots	Converged runs	Mean iter	VQE min E.	σ_{min}	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time
RA r1 rl	1e-01	10000	100/100	41	$9.7954e{-01}$	$1.9496e{-01}$	$9.4964e{-02}$	3.0877e+00	2.2032e+00	$8.8458e{-01}$	01h 02m 22s
RA r1 rl	$1e{-02}$	10000	100/100	57	$9.9471e{-01}$	$2.0743e{-01}$	$1.1013e{-01}$	2.8097e+00	1.9251e+00	-	$01h\ 20m\ 47s$
RA r1 rl	1e-03	10000	100/100	70	1.0003e+00	$1.9274e{-01}$	$1.1568e{-01}$	2.954e+00	2.0694e+00	-	$01h\ 36m\ 09s$
RA r1 rl	$1e{-04}$	10000	100/100	89	$8.1653e{-01}$	$1.9871e{-01}$	-6.805e-02	2.8881e+00	2.0036e+00	-	$01h\ 56m\ 13s$
RA r1 rl	$1e{-}05$	10000	100/100	100	9.3657e - 01	$1.982e{-01}$	5.1992e - 02	2.8439e+00	1.9593e+00	-	$02h\ 02m\ 02s$
RA r1 rl	$1e{-06}$	10000	100/100	113	1.0897e+00	$2.0405e{-01}$	$2.0515e{-01}$	2.9635e+00	2.079e+00	-	$02h\ 17m\ 56s$
RA r1 rl	1e - 07	10000	100/100	130	$9.7402e{-01}$	2.0172e - 01	$8.944e{-02}$	2.6793e+00	1.7947e + 00	-	02h 38m 44s
RA r1 rl	$1e{-08}$	10000	100/100	145	1.0869e+00	$2.0422e{-01}$	$2.0228e{-01}$	3.2625e+00	2.3779e+00	-	$02h\ 56m\ 04s$
Ansatz	Tolerance	Shots	Converged runs	Mean iter	VQE min E.	σ_{min}	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time

Table 1